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ITU-T protocols T.4 and T.30 whereupon the messages are mapped onto TCP or UDP packets according to the ITU-T T.38 protocol, which in turn are mapped onto RLP frames.

- 5 6. System according to claim 5,
c h a r a c t e r i s e d i n that in order to handle
long delays and avoid errors, the fax messages are trans-
mitted according to the principles outlined in GSM
Technical Specification 03.46 or other similar principles
10 such as those outlined in 3G Technical Specification
23.146.
- 15 7. System according to claim 5 ~~or 6~~,
c h a r a c t e r i s e d i n that TCP/IP header
compression is applied.
- 20 8. System according to claim 7,
c h a r a c t e r i s e d i n that mapping of IP
packets onto RLP frames is performed by transporting the IP
packets on an asynchronous connection using the point to
Point protocol (PPP) [as specified in IETF RFC 1661 and
1662] between the Mobile Station (MS) and the Interworking
Function (IWF).
- 25 9. System according to claim 5 ~~or 6~~,
c h a r a c t e r i s e d i n that the mobile network
is provided with a fax gateway, which may be placed in a
Mobile Switching Centre (MSC) or separated from the MSC by
an IP network, and which fax gateway is compliant with T.38
30 terminology.
- 35 10. System according to ^{Claim 5} ~~any of the claims 5-9~~,
c h a r a c t e r i s e d i n that the system can be
adapted to packet switched transmission in the mobile
network.
11. Fax terminal for use in a system according to ^{Claim 5} ~~any of~~
~~the claims 5-10~~, on the mobile station side,

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15. Fax terminal according to claim 14,
c h a r a c t e r i s e d i n t h a t s a i d a d a p t e r i s i n
f o r m o f d o w n l o a d a b l e s o f t w a r e .